pJET – sticky end

1. Set up the blunting reaction on ice
    1. 10 µL Reaction Buffer
    2. 1 µL PCR product
    3. 1 µL DNA Blunting Enzyme
    4. 6 µL nuclease-free Water
2. Vortex briefly and centrifuge for 3-5 s
3. Incubate the mixture at 70 °C for 5 min. Chill on ice.
4. Set up the ligation reaction on ice. Add the following to the blunting reaction mixture
    1. 1 µL pJET Cloning Vector
    2. 1 µL T4 DNA Ligase
5. Vortex briefly and centrifuge for 3-5 s
6. Incubate at room temperature for >1h or overnight
7. Use the ligation mixture directly for transformation

Notes: pJET codes for an Ampicillin resistance